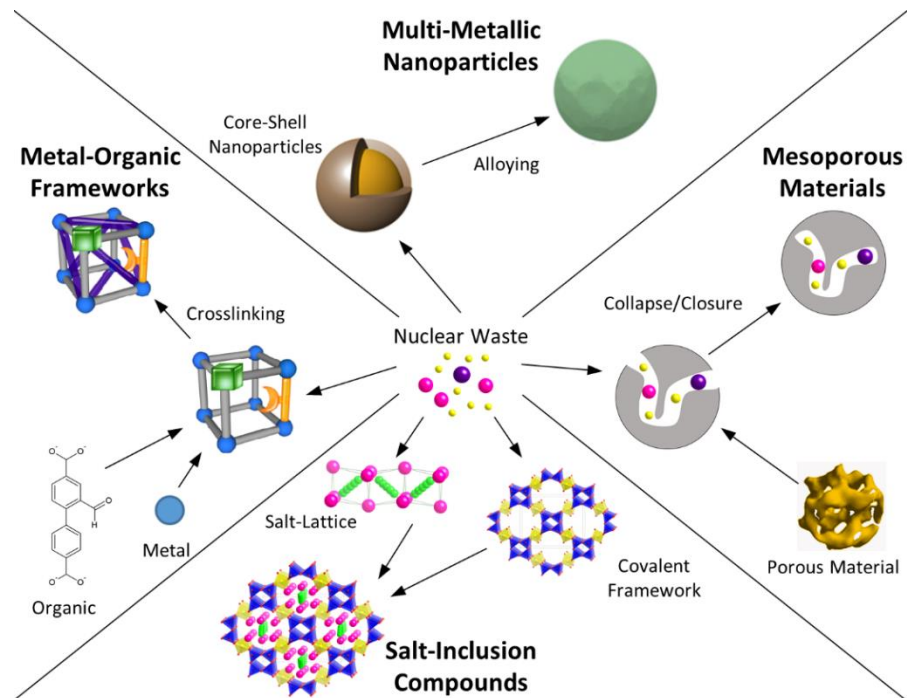


Center for Hierarchical Waste Form Materials (CHWM)

Hans-Conrad zur Loye (University of South Carolina)

CHWM Mission: To combine experiment and modeling to develop the chemistry and structure motifs needed to create hierarchical materials that effectively immobilize nuclear waste in persistent architectures.

<http://CHWM.sc.edu>



RESEARCH PLAN

Fundamental knowledge necessary to create new materials to safely sequester nuclear waste will be developed through the computationally-informed design of novel hierarchical materials, generating innovative chemical approaches and structure motifs through the use of advanced synthesis and characterization methods.



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